

## THE GROWTH OF PLANTS.

### Proof That the Weather May Affect Their Propagation.

That a body can acquire, during the night, a different temperature from that of the surrounding atmosphere has been demonstrated by Mr. Well, an English physicist. If a thermometer is taken from the window, wrapped in cotton and placed on the ground its mercury will descend seven or eight degrees. Vegetables similarly situated, being bad conductors, may freeze at a time when the thermometer does not mark the freezing point—proof that the cold experienced by a plant may be entirely different from the temperature of the surrounding air. This low temperature of plants, however, only occurs when the night is clear, since at this time the plant sheds its heat throughout space and becomes chilled, whereas, if the night is cloudy, the phenomenon does not occur. This gives rise to the popular superstition that plants and buds are frozen by moonlight.

## THE COFFEE OF THE KING.

### Edward of England Has Specially Prepared Beverage.

King Edward is becoming an inveterate coffee drinker. Wherever he goes his Egyptian coffee maker, Emin Abraham, follows with his little coffee mill, and after luncheon and dinner prepares a special brew for his majesty and the fortunate few who are privileged to taste it. Emin is able to hold this little mill in his hands when grinding the berries—a particular kind—and the coffee is served in very small cups, which have almost the appearance of egg cups. It is, of course, served by Emin himself in all the glory of oriental drapery, says the Philadelphia Inquirer. The people who have tasted the King's coffee are very few, and not all of those admire the flavor of it, though none would dare say so, knowing his majesty has such a high opinion of its quality.

## An Indian Miracle.

For years past the great river Indus has been gradually forsaking its ancient bed and cutting for itself a fresh path, which threatened to overwhelm Dera Ghazi Khan, a city of some 80,000 inhabitants. Everything that science could do to stay the erosion was done and done in vain. Finally, last year, the government of India gave up in despair, ordered the abandonment of the cantonment and left the city to its fate. Then came the miracle. A local saint offered up an incantation to the river god, and the Indus promptly returned to its former channel. The Indian engineers, it is stated, are absolutely bewildered.

## The Water Cart.

Two Scottish Highlanders, being in Glasgow for the first time, were having a walk through the city. Turning a corner they were much surprised to see a water cart wetting the street. Not having seen anything of the kind before, Tougall, under a mistaken idea, ran after the cart and cried out to the driver: "Hey, man!—hey, man, yer lochin' a' yer water!" His friend, antoing at Tougall's want of knowledge, ran after him, caught him by the arm and said, rather testily: "Tougall, man, Tougall, dinna be showin' yer ignorance. Hye'er nee see it's to keep the laddies off the back o' the cart."

## Lover and North Wind.

Blower and blow, ye bold north wind,  
In vain your rage ye wreak  
Ye do but bring a brighter red  
To my lady's cheek.  
Ye do not make her eyes to shine,  
And setting loose her curls,  
Ye do but give an added grace  
To my queen of girls.  
Blower and blow, ye brazen loud,  
Her fiery cheek is warm,  
If ye are rough she does but clasp  
Her small hands round my arm.  
Now try your strength with mine, Sir Wind,  
And see what you can do.  
For that which serves to conquer one  
Is not a match for two.  
—Punch Magazine.

## A Library Anniversary.

In November of the present year the city library of Ferrara will celebrate the one hundred and fiftieth anniversary of its foundation. In memory of this the authorities have decided to publish in fac simile, under the editorship of Prof. Giuseppe Agnelli its most famous literary treasure, namely the autographic fragments of the "Orlando Furioso" of Ariosto. The volume will consist of fifty-three sheets in 16<sup>th</sup> photographic plates and will contain a portrait of Ariosto, after the original by Titian, together with an introduction by the editor.

## One Use of Spiders' Webs.

A French savant points out that spiders' webs improve the acoustic properties of a room. He says he knew in England a hall that was ideal for the conveyance of sound. In an evil moment it was decided to clean the ceilings, and all the spiders were dislodged. The hall was ruined as a place for speaking. The savant suggests that cotton strings might be hung loosely across ceilings to improve the sound-carrying properties of a room.

## CAN A DOG READ?

### Experiments Have Seemed to Prove That He Can.

The intelligence of animals seems, as a rule, to be underrated rather than overrated. A dog breeder described the other day a wonderful collie that had belonged to Lord Avebury. "This dog," he said, "would, when it was hungry, lay at its master's feet a card marked 'food.' When it was thirsty it would fetch a card marked 'drink.' When it wanted to take a walk it would bring a card marked 'out.' Lord Avebury trained it to do this trick in less than a month. He put the food card over the dog's food and made it bring the card to him before he would allow it to eat, and in the matter of drinking and going out he used a like method. The cards were similar in shape and color; nothing but the writing on them differed. Since, therefore, the dog distinguishes them by the writing alone, it may truly be said that the animal could read."

## NAMES WERE NOT FITTING.

### Proclivities of Philadelphia Cats Upset Cognomens.

"It doesn't pay to jump at conclusions, especially in naming cats," said a Spruce street physician. "A friend of mine who lives in West Philadelphia has two cats that rejoice in the names of Topsy-nit and Jack-not. He got them both over a year ago when they were both little kittens, and named one Topsy and the other Jack. Well, presently they grew to cat-hood, and Topsy, much to the chagrin of the family, showed a decided tendency to go out and carouse on the back fences all night, while Jack presently developed domestic traits and eventually became the mother of a fine litter of kittens. So that is how they came to get the names of Topsy-nit and Jack-not. Things are seldom what they seem, as some wise philosopher once said."—Philadelphia Record.

## Clergy as Volunteers.

An army order has just been issued in England prohibiting clergymen from holding combatant commissions in the volunteers, or from being enrolled in the ranks of the force. This must be regarded as a reasonable regulation, for though in certain country districts some of the clergy have proved themselves very good officers, and as such have, perhaps, accomplished good work from the moral point of view, it cannot be denied that there is a distinct incongruity in a minister of the Episcopal church being also bound by his oath of allegiance to bear arms and weapons, which can by no means be classified as part of the equipment of the "armor of light."

## Finding the Way.

I can show papa the way, I know.  
Out to the meadows and up the hill  
Over the fields where the daisies blow,  
Off to the woodland so far and still,  
I could show papa the way, if he  
Cares to go visiting them with me.  
I'd find the way, oh, I could, indeed,  
Down through the paths where the  
squirrels play,  
Over the pastures where cattle feed,  
While the glad robin keeps holiday,  
Under the cool of the shady trees,  
Into the homes of the birds and bees.  
But when we'd seen all the wonderland,  
And we were ready at last to go,  
I should be glad to take papa's hand;  
For I'm afraid that I shouldn't know  
Nearly so well, after all, as he,  
Just what the safest way home would be.  
—Frank Walton. Hint in Youth's Companion.

## Caught.

"Arthur," she said suddenly and anxiously turning toward him—they had just finished their honeymoon—"if you were the Sultan of Turkey would you have a hundred wives?" "Gracious, no," he replied, with a yawn, "I don't know of more than fifteen or twenty women I'd be willing to support even if—Oh, say now, Juliet, I come I—didn't understand—I was only joking, honest I was!" But at last she knew the base wretch for what he was and it cost him the price of a hat and four pounds of candy to square himself.

## Magnetized Crops.

Electricity, hitherto confined to the mechanical side of agriculture, has now to be classed among the fertilizers. Two Russian scientists, M. Spyskneff and M. Krovkoff, have just perfected an electric battery specially designed for this purpose. It is buried in the soil, which thus becomes magnetized, and not only makes the crop more forward, but more abundant. Excellent results are stated to have been obtained with potatoes, beetroot, trefoil, barley and colza.

## Earth's Accurate Measurement.

After nearly thirty years of constant effort and the expenditure of nearly \$500,000 scientists have succeeded in accurately measuring the earth. They have learned that its diameter through the equator is 7,926 miles; its height from pole to pole 7,899 miles. The earth, therefore, is flattened at the poles; and while this fact has long been asserted, the actual measurement has removed the question from the domain of doubt.

## THE USE OF FORKS.

### WAS NOT COMMON BEFORE 1815

### Queen Elizabeth Had But Three—Kept as Curiosities—Their Use Was Considered Bad Form—Ministers Declared Them to Be Impious Instruments.

It seems strange that the use of forks began only with our easily remembered forefathers, that the Greeks and Romans did not know anything of them, and that in the far Eastern countries their use is still unknown. Up to the Fifteenth Century they were known only in Italy. Elizabeth had three "forks," garnished with gold slightly, and with "lytle peries pendant," but they were considered as curiosities and never used. Indeed, in that era it was considered bad form and ministers contended that to use them was to insult God. What were our fingers for? In Thomas Coryate's "Cruddities," published originally in 1608, is this:  
"I observed a custom in all those Italian cities and towns through which I passed that is not used in any other country that I saw in my travels; neither do I think any other nation in Christendom doth use it, but only in Italy. The Italians, and also most strangers, do always at their meals use a little fork when they cut their meats. For while with their knife which they do hold in one hand, they fasten the meat out of the dish, they fasten the fork, which they hold in the other hand, upon the same dish; so whatsoever he be that, sitting in the company of others at meals, should inadvertently touch the dish of meats with his fingers, from which all the table do cut, he will give occasion to offense to all the company, as having transgressed the laws of good manners, in so much that for his error he shall be at the least browbeaten, if not reprehended in words. This form of breeding, I understand, is generally used in all places of Italy, their forks being for the most part made of iron, steele and some of silver; but these are used only by gentlemen. The reason for this curiosity is because the Italian cannot by any means endure to have his meat touched with fingers, seeing that all men's fingers are not alike clean."

Not until the middle of the Seventeenth Century did England's nobility begin the use of forks, but they came into use slowly, and even in the early part of the Eighteenth Century gentlemen who traveled carried a knife and fork, because the inns were not likely to have them. About 1815 forks became quite common in Europe and soon became to be considered generally as a necessity.—The Cooking Club.

## Pearls in Indian Territory.

Pearls of great value have been discovered recently in Elk creek, near Muskogee. There is much reason to believe that pearl fisheries similar to those which have been developed in Arkansas will be found extensively in Indian Territory. In many of the streams of the territory are immense beds of mussels, which the authorities say are of the pearl-bearing variety.

## Texas Finds a Remedy.

Fate, Tex., Sept. 21st.—Texas has seldom, if ever, had such a profound sensation, as that caused by the introduction recently of a new remedy for kidney diseases. This remedy has already been tried in thousands of cases, and in almost every case the results have been wonderful.

Henry Vaughan, of Rural Route, No. 3, Fate, says of it:

"I suffered with Kidney Trouble for over 18 months. I was very bad and could get nothing to help me till I heard of the new remedy, Dodd's Kidney Pills. I began to use these pills, and very soon found myself improving. I kept on and now I can say I am absolutely cured and free from any symptom of my old trouble."

"I am very glad I heard of this wonderful remedy and I would strongly advise anyone suffering with Kidney trouble to try it, for I know it will cure."

## Careless Money Senders.

The income of the British postoffice from money in envelopes having no or insufficient address is \$30,000 to \$35,000 a day.

## A Guaranteed Cure for Piles.

Itching, blind, bleeding or protruding Piles positively cured or money refunded. ALLEN'S DISCOVERY for PILES, a new discovery that absolutely cures all kinds of Piles. Prepared for Piles only. All Drug Stores, 50c. Sent by mail on receipt of price. Address Lock Box 852, Le Roy, N.Y.

If Eve's mother had been around Adam would have been blamed for that apple business.

St. Junkinton (to leader of orchestra)—Say, we want to be up to date, so can't you play that St. Vitus dance they talk about up town?

## Why It Is the Best

is because made by an entirely different process. Defiance Starch is unlike any other, better and one-third more for 10 cents.

Tet cher—Willie, what would be the first thing to do if a boy should be sunstruck? Willie—Let him stay home from school.

## Smoke Baxter's "Bullhead" 5-cent cigar.

"Why do people call Fastboy a good fellow?" "Because he is good for nothing." "Were you out driving yesterday?"

## COMMODORE NICHOLSON OF OUR NAVY

### Recommends Peruna—Other Prominent Men Testify.

Commodore Somerville Nicholson, of the United States Navy, in a letter from 1837 R Street, N. W., Washington, D. C., says: "Your Peruna has been and is now used by so many of my friends and acquaintances as a sure cure for catarrh that I am convinced of its curative qualities and I unhesitatingly recommend it to all persons suffering from that complaint."—S. Nicholson.

### United States Minister to Guatemala Endorses Peruna.

Dr. W. Godfrey Hunter, U. S. Minister to Guatemala, ex-member of Congress from Kentucky, in a letter from Washington, D. C., writes: "I am fully satisfied that your Peruna is an efficacious remedy for catarrh, as I and many of my friends have been benefited by its use."—W. G. Hunter, M. D. Member of Congress From Virginia Writes.

Hon. G. R. Brown, Martinsville, Va., ex-member of Congress Fifth District, 50th Congress, writes:

"I cheerfully give my endorsement to your Peruna as a cure for catarrh. Its beneficial results have been so fully demonstrated that its use is essential to all persons suffering from that disease."

—Hon. G. R. Brown.  
The day was when men of prominence hesitated to give their testimonials to proprietary medicines for publication. This remains true to-day of most proprietary medicines. But Peruna has become so justly famous, its merits are known to so many people of high and low stations, that no one hesitates to see his name in print recommending Peruna.

The highest men in our nation have given Peruna a strong endorsement. Men representing all classes and stations are equally represented.



If you do not derive prompt and satisfactory results from the use of Peruna, write at once to Dr. Hartman, giving a full statement of your case, and he will be pleased to give you his valuable advice gratis. Address Dr. Hartman, President of The Hartman Sanitarium, Columbus, Ohio.

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